Three sets of activities -
      I. Preparation for installation of 04.1 to the Operational Servers (1 week)
     II. Customer verification of proper installation and configuration of the Client (1 week)
    III. Installation of Release 04.1 (10 hours)

I. Prepare for installation of 04.1

February 17-20
- Send first of 4 NAMs indicating start of transition process
- Perform system backups (Release 03.1)
- Preload Release 04.1
- Install OS patch cluster on non-primary Servers
- Failover so that Servers with new OS patch cluster supports Operations

Impacts to current SWSI Operations - The above activities require disabling "hot backup Server" functions - if Customer has problems with SWSI connections, immediately contact WSC OS for support. WSC OS phone number 505-527-7157 (wscos@mail.wsc.nasa.gov)

February 21-22
- Burn in period for OS patch cluster

Impacts to current SWSI Operations- "hot backup Server" functionality will be enabled, however, the primary Servers will have the OS patch installed and the backup Servers will not have the OS patch cluster installed.

GO/NO GO decision – if problems are noted with the OS patch cluster, then failover to backup servers, restore system from full backup prior to patch cluster installation. Decision for Go/No Go will be made by SWSI Release Leader, Joe Stevens.

February 23
- Install OS patch cluster to backup Servers if no problems are noted in SWSI Operations during the weekend burn-in period.

Impacts to current SWSI Operations - The above activities require disabling "hot backup Server" functions - if Customer has problems with SWSI connections, immediately contact WSC OS for support.   WSC OS phone number 505-527-7157 (wscos@mail.wsc.nasa.gov)

II. Customer Testing of Client:

February 20-23
- Insure Client distribution and download instructions are posted on the SWSI Integration and Test (I&T) websites:
    - https://swsi-test.nascom.nasa.gov/
    - https://swsi-test.ops.nascom.nasa.gov/

- Insure SWSI I&T Servers are configured to support Customer EIF testing
- Send NAM indicating SWSI I&T Servers are ready for Customer testing of Client and any desired regression testing. NAM to include connection information for the SWSI I&T Servers.

February 20-25
- Coordinate testing with Customers to verify proper download and configuration of the Release 04.1SWSI Client into the MOC systems. Coordinate regression EIF testing of SWSI functionality (e.g., submit SARs), if desired. Point of Contact for testing, Mike Miller 505-527-7074 or 505-525-6373
- Send NAM indicating Customer testing is complete.

GO/NO GO decision – if significant problems are noted that cannot be resolved during the Customer testing, then document problems, and roll back to Release 03.1. Decision for Go/No Go will be made by SWSI Release Leader, Joe Stevens.

Impacts to current SWSI operations - None.

Customer can continue to support their Operations with SWSI. Customers are encouraged to download the new Release 04.1 Client and test that the Client is properly configured to support their operations by connecting to the Test Servers. Customers are expected to have both Clients (Release 03.1 and 04.1) loaded in their MOCs with 03.1 continuing to support on-going operations, connecting to the Operational Servers. The 04.1 Client will support only customer-desired regression testing, connecting to the Int and Test Servers. The SWSI Test Team will provide test support and help resolve any problems noted to ensure Customer is ready for Release 04.1 operations.

III. Installation of Release 04.1

February 26
- Install Release 04.1
- Perform system backups (Release 04.1)
- Send final NAM indicating delivery process is complete

Impacts to current SWSI operations – Approximately 10 hours.

Customer downtime of approximately 10 hours is planned for the installation of Release 04.1 to the Operational Servers. The installation will require migration of databases and forced failovers. Customers are encouraged to adjust their routine operations to accommodate the required 10 hours of downtime (e.g., submit schedules earlier, if needed.) .